

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109332.D
 Acq On : 26 Sep 2018 13:25
 Operator : JU/SJ
 Sample : J5057-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL

Quant Time: Sep 26 14:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

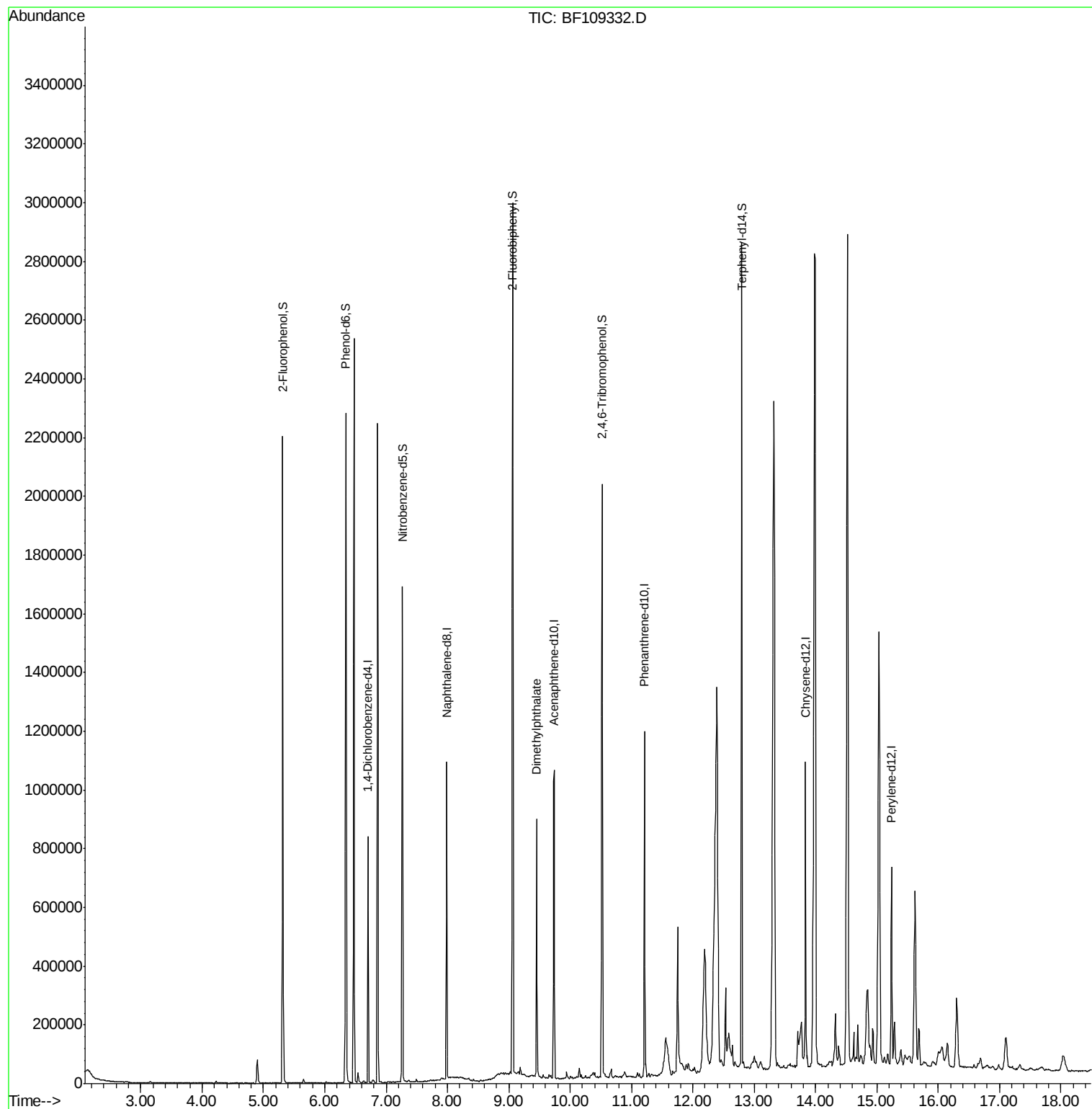
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112369	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	433257	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	207473	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	414857	20.00	ng	0.00
75) Chrysene-d12	13.84	240	312576	20.00	ng	0.00
86) Perylene-d12	15.24	264	313497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	682553	100.05	ng	0.00
7) Phenol-d6	6.35	99	888173	102.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	562270	76.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	239373	117.04	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	903302	65.66	ng	-0.01
78) Terphenyl-d14	12.80	244	907204	71.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	297625	19.723	ng	Qvalue 99

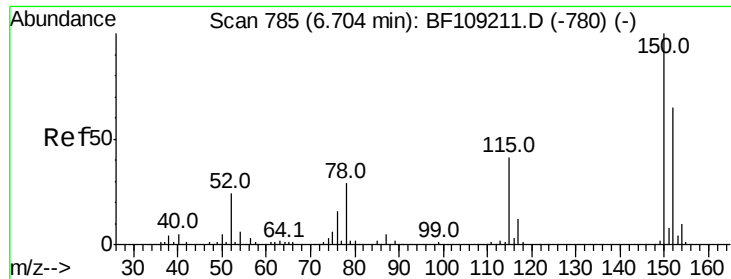
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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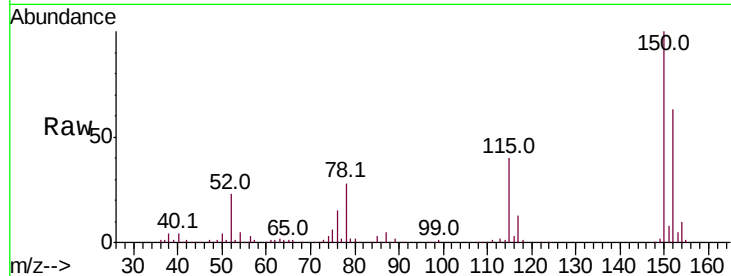


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Instrument :
BNA_F
ClientSampled :
HC-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.7	50.1	75.1

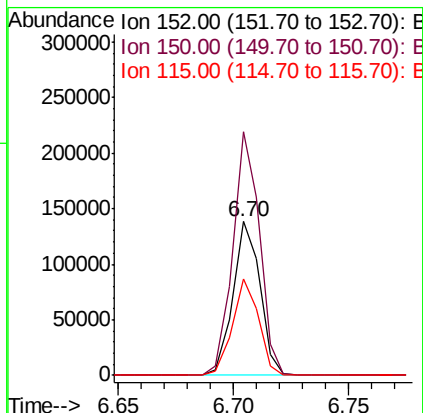
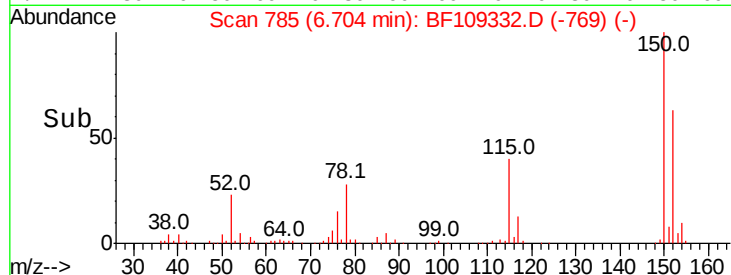


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

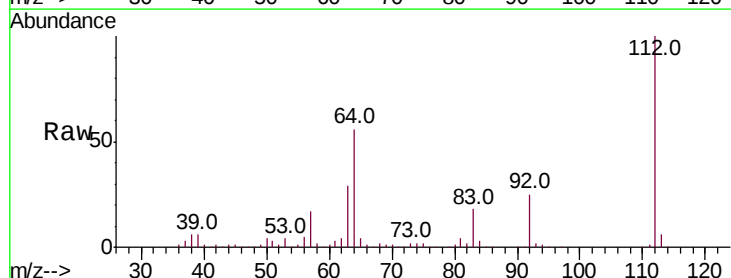
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.047 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	29.1	23.7	35.5

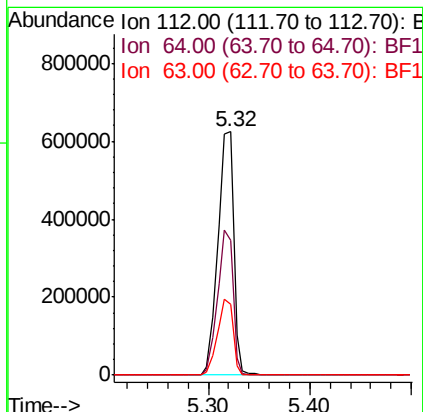
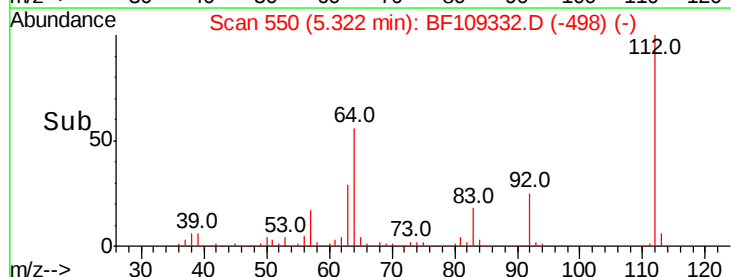


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.024 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

HC-SOIL

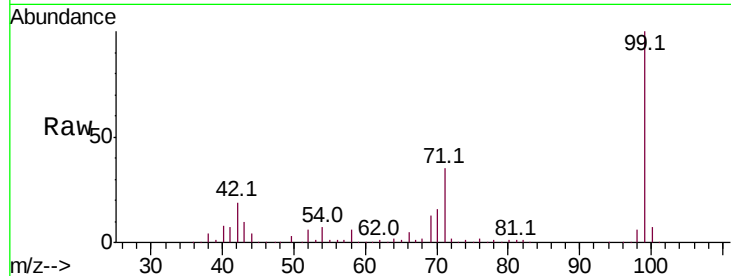
Tot Ion: 99 Resp: 888173

Ion Ratio Lower Upper

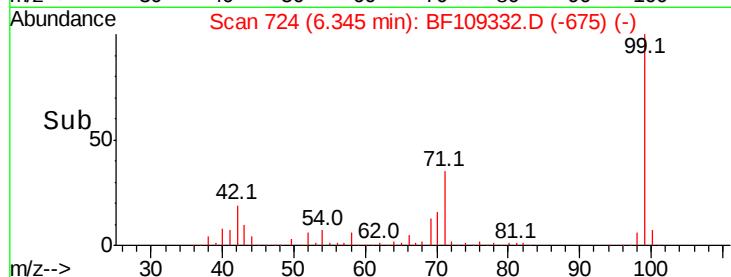
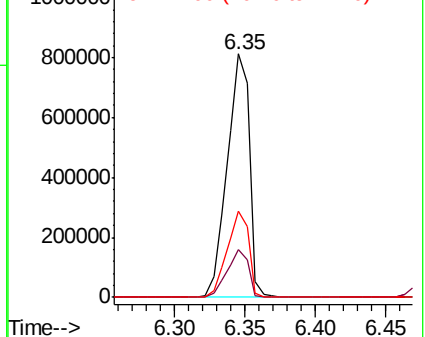
99 100

42 19.4 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Tgt Ion: 136 Resp: 433257

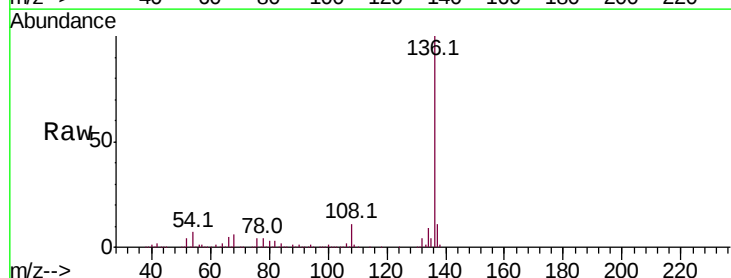
Ion Ratio Lower Upper

136 100

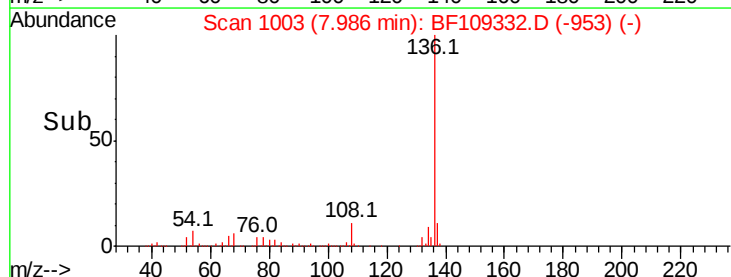
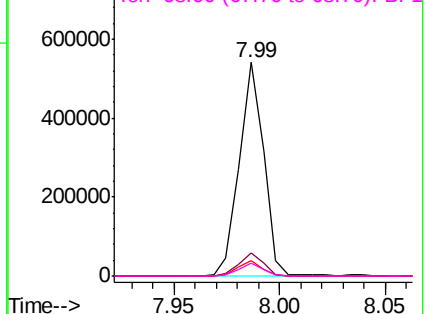
137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

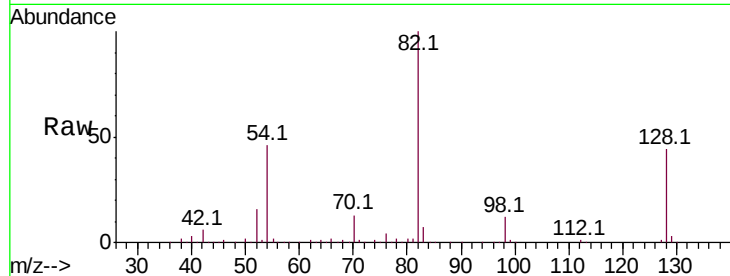




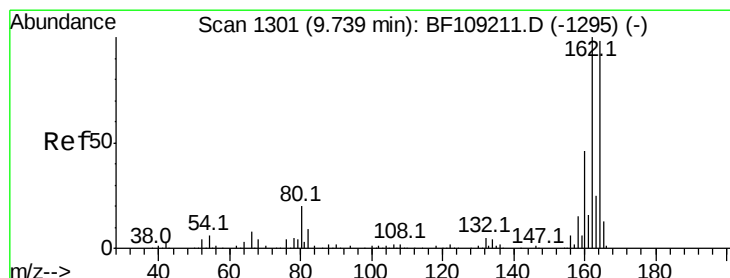
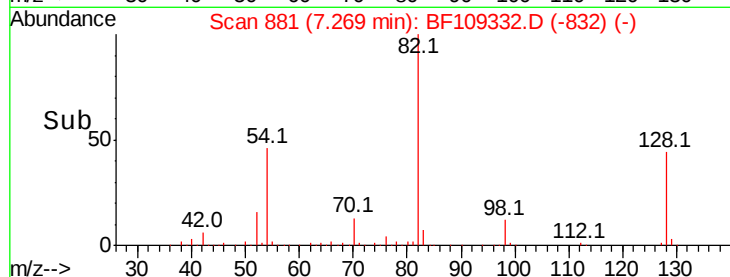
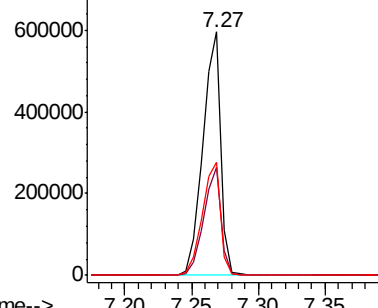
#23
Nitrobenzene-d5
Concen: 76.610 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Instrument :
BNA_F
ClientSampleId :
HC-SOIL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	46.4	41.4	62.2

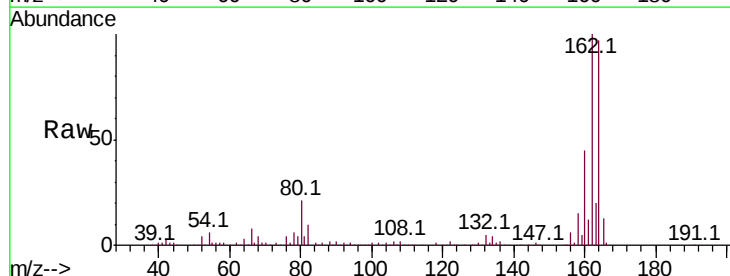


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

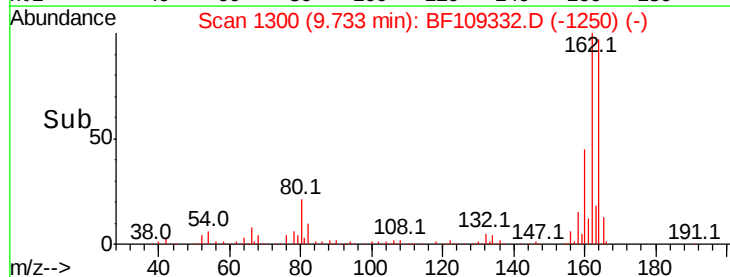
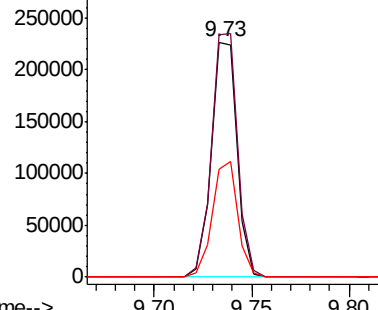


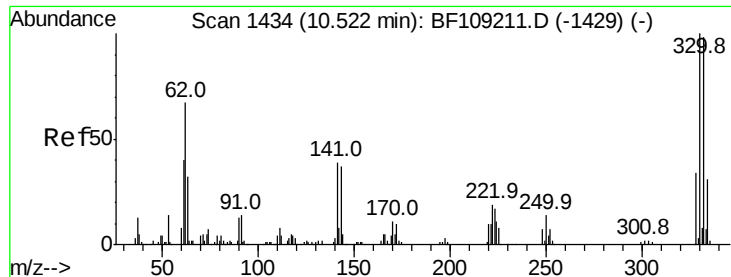
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

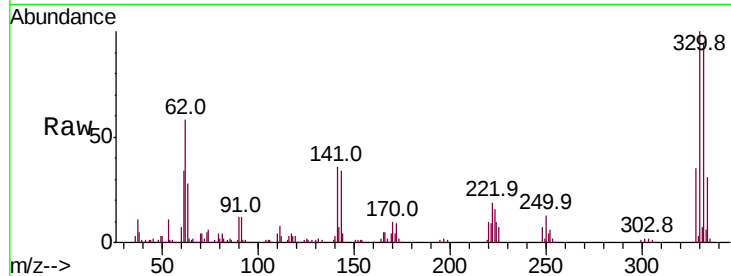




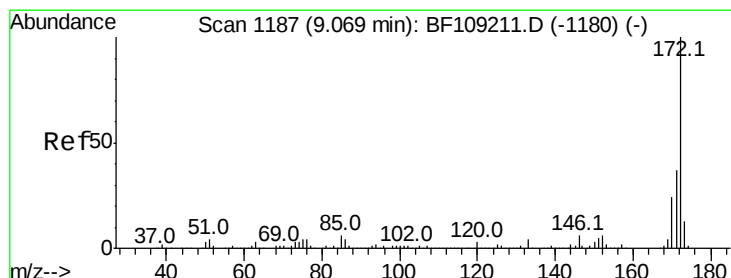
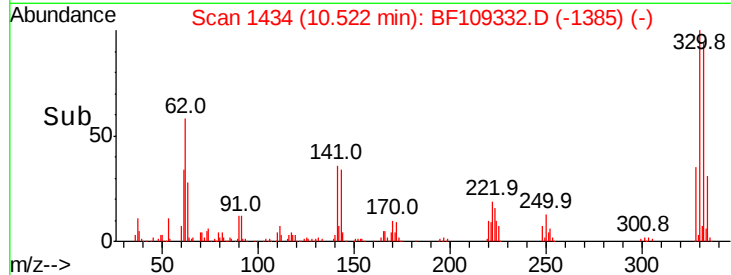
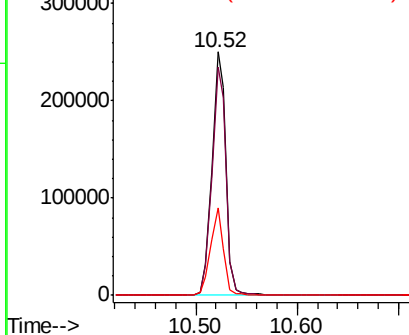
#41
 2,4,6-Tribromophenol
 Concen: 117.038 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.7	29.9	44.9

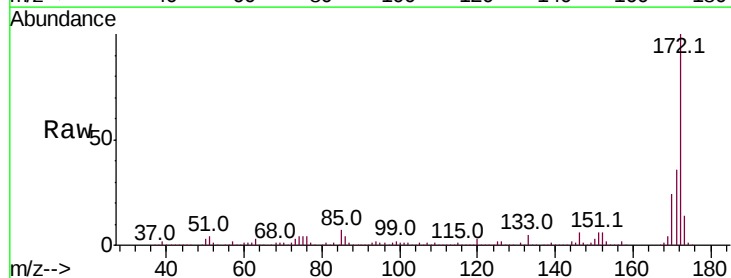


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

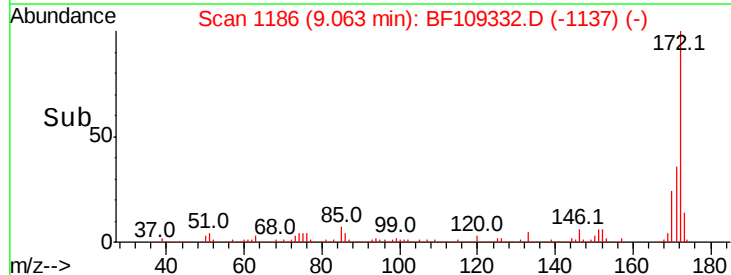
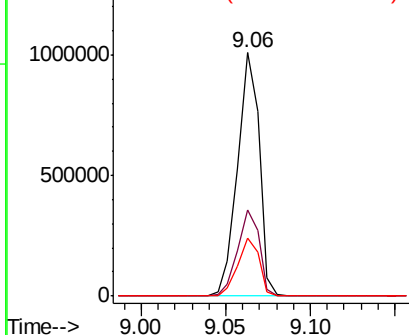


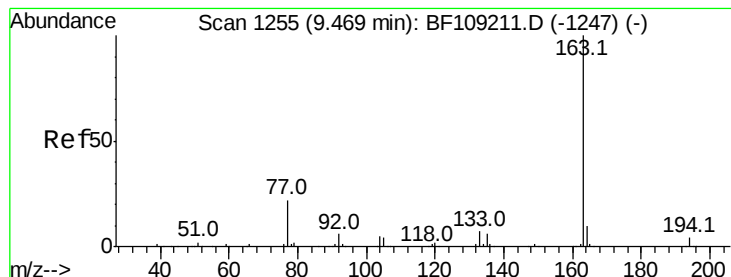
#44
 2-Fluorobiphenyl
 Concen: 65.664 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 19.723 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampled :

HC-SOIL

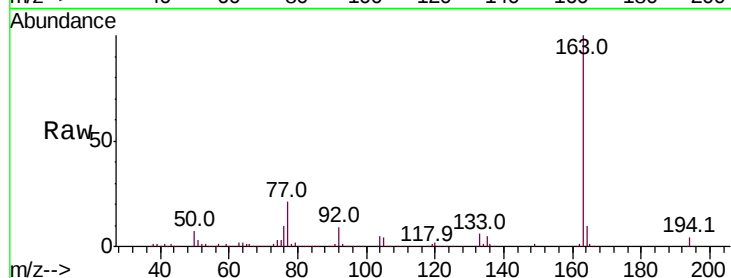
Tot Ion:163 Resp: 297625

Ion Ratio Lower Upper

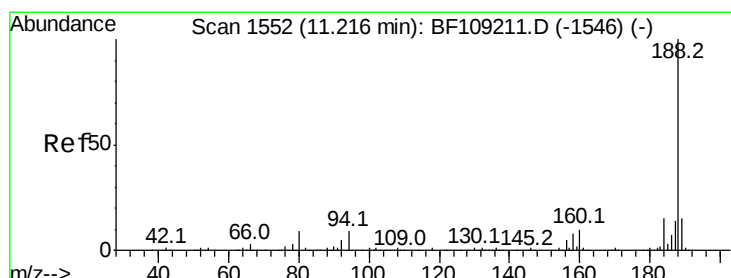
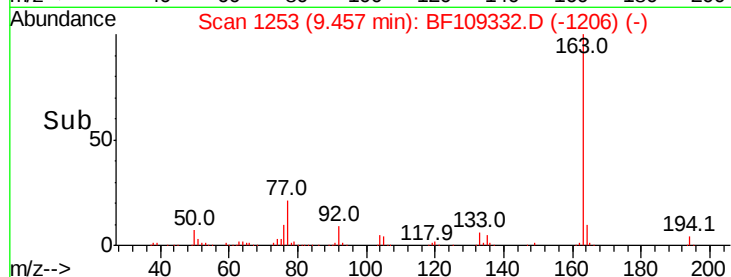
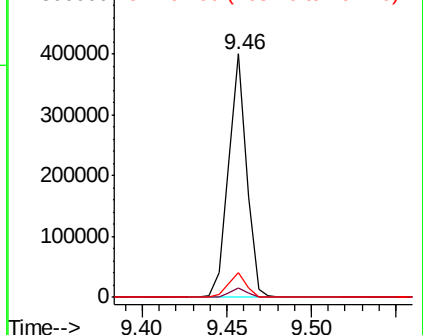
163 100

194 3.8 2.7 4.1

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

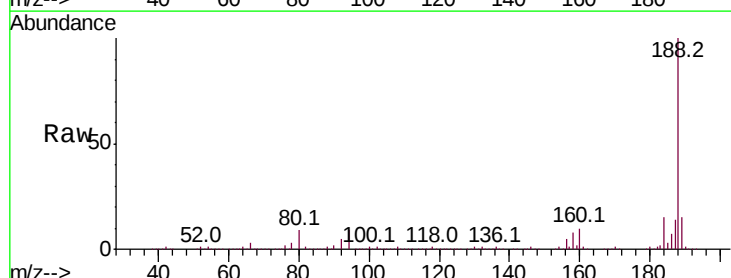
Tgt Ion:188 Resp: 414857

Ion Ratio Lower Upper

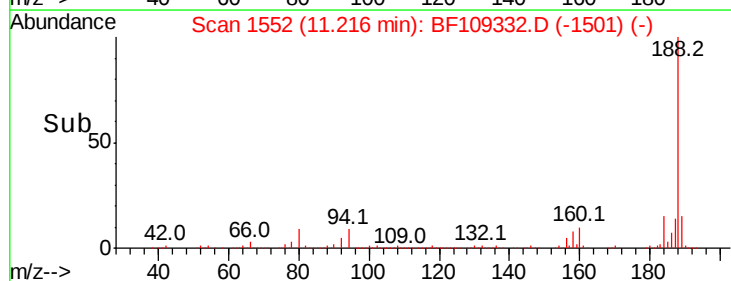
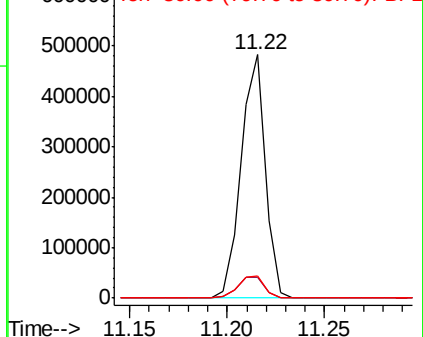
188 100

94 8.8 8.5 12.7

80 9.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

HC-SOIL

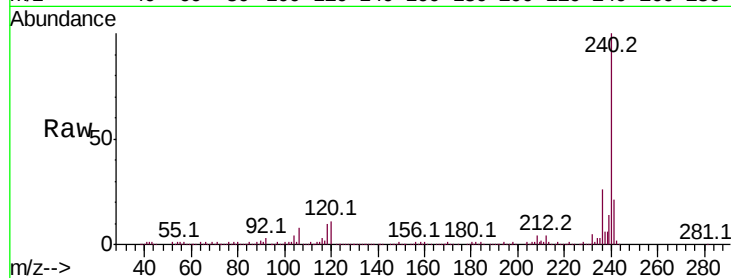
Tot Ion:240 Resp: 312576

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

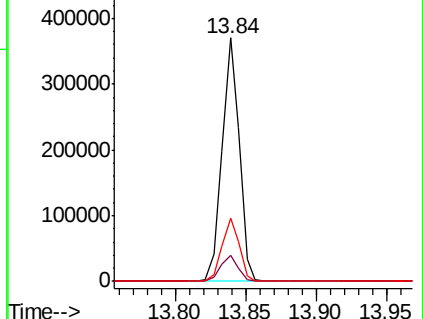
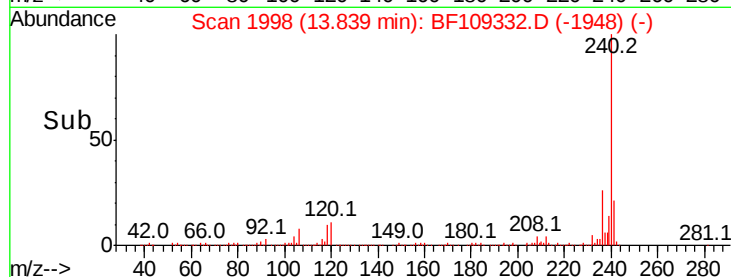
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 71.228 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

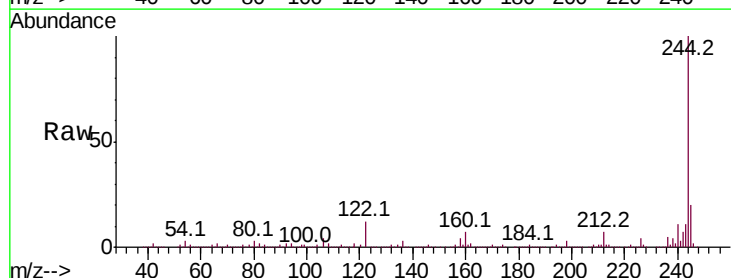
Tgt Ion:244 Resp: 907204

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

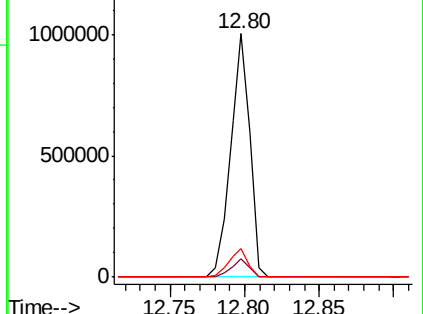
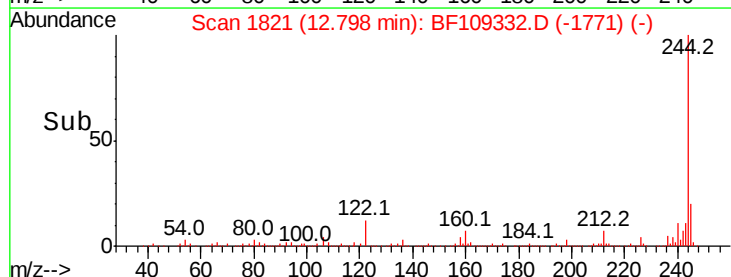
122 11.7 11.0 16.4

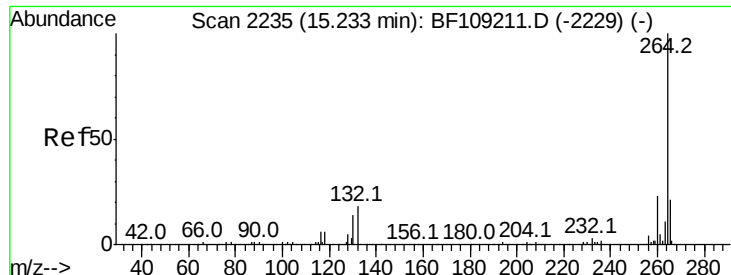


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Instrument :
BNA_F
ClientSampleId :
HC-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

